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<b>TO</b> NAME <u>EXAMINER GRANVILL LEE</u> COMPANY/FIRM <u>U.S. PTO</u> NUMBER OF PAGES INCLUDING COVER: <u>16</u>	DATE <u>AUGUST 7, 2003</u> FAX # <u>703-872-9306</u> CONFIRM FAX: <input type="checkbox"/> YES <input type="checkbox"/> NO
<b>FROM</b> NAME <u>David A. Bilodeau</u> DIRECT PHONE # <u>703-412-6444</u>	<u>197802US-2S</u> OUR REFERENCE <u>09/670,520</u> YOUR REFERENCE

**MESSAGE**

Enclosed is an amendment filed March 14, 2003, as well as an information disclosure statement filed July 11, 2003 (signed so as to be considered an original). A copy of the date-stamped filing receipts are also enclosed evidencing the filing thereof.

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OBLON SPIVAK

NO. 988

P. 2

*LMS*

OSMM&N File No. 197802US2S

Serial No. 09/670,520

In the matter of the Application of: Wakako MORIYAMA, et al.

For: METHOD FOR MANUFACTURING SEMICONDUCTOR DEVICES USING THERMAL NITRIDE FILMS AS GATE INSULATING FILMS

Due Date: 07/24/2003

The following has been received in the U.S. Patent Office on the date stamped hereon:

- Dep. Acct. Order Form
- Information Disclosure Statement
- Cited References (7)
- JAPANESE Office Action ( with English Translation )



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OBLON SPIVAK

NO. 988

P. 3

Docket No. 197802US2S/phh

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: Wakako MORIYAMA, et al.

SERIAL NO: 09/670,520

GAU: 2825

FILED: September 26, 2000

EXAMINER: G. D. LEE

FOR: METHOD FOR MANUFACTURING SEMICONDUCTOR DEVICES USING THERMAL NITRIDE FILMS AS GATE INSULATING FILMS

**INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97**

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

**REFERENCES**

- ☒ The applicant(s) wish to make of record the references cited in the attached Japanese Office Action listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check is attached in the amount required under 37 CFR §1.17(p).

**RELATED CASES**

- ☐ Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- ☐ A check is attached in the amount required under 37 CFR §1.17(p).

**CERTIFICATION**

- ☒ Each item of information contained in this information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

**DEPOSIT ACCOUNT**

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.

  
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(OSMMN 05/03)

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SHEET 1 OF 1

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 197802US2S		SERIAL NO. 09/670,520	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Wakako MORIYAMA, et al.			
				FILING DATE September 26, 2000		GROUP 2825	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	AO	10-284626	10/23/98	JAPAN			X
	AP	11-224940	08/17/99	JAPAN			X
	AQ	10-321740	12/04/98	JAPAN			X
	AR	9-116904	05/02/97	JAPAN			X
	AS	2001-85680	03/30/2001	JAPAN			X
	AT	11-97683	04/09/99	JAPAN			X
	AU	1-134936	05/26/89	JAPAN			X
	AV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AW						
	AX						
	AY						
	AZ						
Examiner <i>[Signature]</i>					<input type="checkbox"/> Additional References sheet(s) attached		
					Date Considered 11/29/03		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

OSMM&N File No. 197802US28

Dept.: E/M

By: GJM/DAB/btf

Serial No. 09/670,520

In the matter of the Application of: Wakako MORIYAMA, et al.

For: METHOD FOR MANUFACTURING SEMICONDUCTOR DEVICES  
USING THERMAL NITRIDE FILMS AS GATE INSULATING FILMS

- Due Date: MARCH 17, 2003

The following has been received in the U.S. Patent Office on the date stamped hereon

- ☒ Cover Letter
- ☒ Amendment / Marked-up Copy
- ☒ Dep. Acct. Order Form



Docket No. 197802US2S

IN RE APPLICATION OF: Wakak MORIYAMA, et al.

SERIAL NO: 09/670,520

FILED: September 26, 2000

FOR: METHOD FOR MANUFACTURING SEMICONDUCTOR DEVICES USING THERMAL NITRIDE FILMS AS GATE INSULATING FILMS

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

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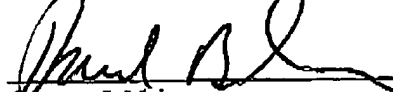
Transmitted herewith is an amendment in the above-identified application.

- ☒ No additional fee is required
- ☐ Small entity status of this application under 37 C.F.R. §1.9 and §1.27 is claimed.
- ☒ Additional documents filed herewith: Marked-up Copy of Amendment

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The Fee has been calculated as shown below:

CLAIMS	CLAIMS REMAINING		HIGHEST NUMBER PREVIOUSLY PAID	NO. EXTRA CLAIMS	RATE	CALCULATIONS
TOTAL	15	MINUS	22	0	x \$18 =	\$0.00
INDEPENDENT	6	MINUS	6	0	x \$84 =	\$0.00
		<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS			+ \$280 =	\$0.00
		TOTAL OF ABOVE CALCULATIONS				\$0.00
		<input type="checkbox"/> Reduction by 50% for filing by Small Entity				\$0.00
		<input type="checkbox"/> Recordation of Assignment			+ \$40 =	\$0.00
		TOTAL				\$0.00

☐ A check in the amount of \$0.00 is attached.☒ Please charge any additional Fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.☒ If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time may be charged to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.

Gregory J. Maier

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(OSMMDN 10/01)

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